

06/12/01  
JC525 U.S. PTO

6-1-01 A  
PTO/SB/05 (11-00)

Please type a plus sign (+) inside this box →

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>		<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small>		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
2. <input type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small>		8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small>	
3. <input checked="" type="checkbox"/> Specification [Total Pages 16] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul>		a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> c. <input type="checkbox"/> Statements verifying identity of above copies	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [ Total Sheets 6] <small>- Drawings are Formal</small>		9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))	
5. Oath or Declaration [ Total Pages 3] <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d))  <small>(for continuation/divisional with Box 18 completed)</small> </li> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b>  <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small> </li> </ul>		10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)	
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small> 16. <input checked="" type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Check for \$750.00 17. <input checked="" type="checkbox"/> Other: <input type="checkbox"/> Express Cert. of Mailing	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No. \_\_\_\_\_

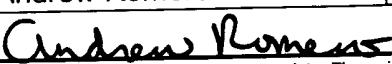
Prior application information: Examiner \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

### 19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label <div style="border: 1px solid black; padding: 2px; display: inline-block; width: 150px; height: 20px; vertical-align: middle; margin-left: 10px;">           (Insert Customer No. or Attach bar code label here)         </div>		or <input checked="" type="checkbox"/> Correspondence address below	
--	--	---	--

Name	Andrew Romero			
Renner, Otto, Boisselle & Sklar, LLP 1621 Euclid Avenue, Nineteenth Floor				
Address				
City	Cleveland	State	Ohio	Zip Code
Country	U.S.	Telephone	(216) 621-1113	Fax
Name (Print/Type)	Andrew Romero	Registration No. (Attorney/Agent) 43,890		
Signature				Date 06/12/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL

## for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 750.00)

## Complete if Known

Application Number	
Filing Date	
First Named Inventor	Dong-Hyuk Ju et al.
Examiner Name	
Group Art Unit	
Attorney Docket No.	F0522

<b>METHOD OF PAYMENT</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																																	
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <b>18-0988</b></p> <p>Deposit Account Name <b>Renner, Otto, Boisselle &amp; Sklar LLP</b></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		<p>3. <b>ADDITIONAL FEES</b></p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205 65 Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227 25 Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139 130 Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147 2,520 For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112 920* Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113 1,840* Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215 55 Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216 195 Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217 445 Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218 695 Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228 945 Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219 155 Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220 155 Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221 135 Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138 1,510 Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240 55 Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241 620 Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242 620 Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243 220 Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244 300 Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122 130 Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123 50 Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>126</td><td>180</td><td>126 180 Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581 40 Recording each patent assignment per property (times number of properties)</td><td>40.00</td></tr> <tr><td>146</td><td>710</td><td>246 355 Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249 355 For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>710</td><td>279 355 Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169 900 Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr> <td colspan="2">SUBTOTAL (1) (\$ 710)</td> <td colspan="2">SUBTOTAL (3) (\$ 40.00)</td> </tr> <tr> <td colspan="4">*or number previously paid, if greater; For Reissues, see above</td> </tr> </tbody> </table>		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205 65 Surcharge - late filing fee or oath		127	50	227 25 Surcharge - late provisional filing fee or cover sheet		139	130	139 130 Non-English specification		147	2,520	147 2,520 For filing a request for ex parte reexamination		112	920*	112 920* Requesting publication of SIR prior to Examiner action		113	1,840*	113 1,840* Requesting publication of SIR after Examiner action		115	110	215 55 Extension for reply within first month		116	390	216 195 Extension for reply within second month		117	890	217 445 Extension for reply within third month		118	1,390	218 695 Extension for reply within fourth month		128	1,890	228 945 Extension for reply within fifth month		119	310	219 155 Notice of Appeal		120	310	220 155 Filing a brief in support of an appeal		121	270	221 135 Request for oral hearing		138	1,510	138 1,510 Petition to institute a public use proceeding		140	110	240 55 Petition to revive - unavoidable		141	1,240	241 620 Petition to revive - unintentional		142	1,240	242 620 Utility issue fee (or reissue)		143	440	243 220 Design issue fee		144	600	244 300 Plant issue fee		122	130	122 130 Petitions to the Commissioner		123	50	123 50 Processing fee under 37 CFR 1.17(q)		126	180	126 180 Submission of Information Disclosure Stmt		581	40	581 40 Recording each patent assignment per property (times number of properties)	40.00	146	710	246 355 Filing a submission after final rejection (37 CFR § 1.129(a))		149	710	249 355 For each additional invention to be examined (37 CFR § 1.129(b))		179	710	279 355 Request for Continued Examination (RCE)		169	900	169 900 Request for expedited examination of a design application		Other fee (specify) _____				SUBTOTAL (1) (\$ 710)		SUBTOTAL (3) (\$ 40.00)		*or number previously paid, if greater; For Reissues, see above			
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																
105	130	205 65 Surcharge - late filing fee or oath																																																																																																																																	
127	50	227 25 Surcharge - late provisional filing fee or cover sheet																																																																																																																																	
139	130	139 130 Non-English specification																																																																																																																																	
147	2,520	147 2,520 For filing a request for ex parte reexamination																																																																																																																																	
112	920*	112 920* Requesting publication of SIR prior to Examiner action																																																																																																																																	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action																																																																																																																																	
115	110	215 55 Extension for reply within first month																																																																																																																																	
116	390	216 195 Extension for reply within second month																																																																																																																																	
117	890	217 445 Extension for reply within third month																																																																																																																																	
118	1,390	218 695 Extension for reply within fourth month																																																																																																																																	
128	1,890	228 945 Extension for reply within fifth month																																																																																																																																	
119	310	219 155 Notice of Appeal																																																																																																																																	
120	310	220 155 Filing a brief in support of an appeal																																																																																																																																	
121	270	221 135 Request for oral hearing																																																																																																																																	
138	1,510	138 1,510 Petition to institute a public use proceeding																																																																																																																																	
140	110	240 55 Petition to revive - unavoidable																																																																																																																																	
141	1,240	241 620 Petition to revive - unintentional																																																																																																																																	
142	1,240	242 620 Utility issue fee (or reissue)																																																																																																																																	
143	440	243 220 Design issue fee																																																																																																																																	
144	600	244 300 Plant issue fee																																																																																																																																	
122	130	122 130 Petitions to the Commissioner																																																																																																																																	
123	50	123 50 Processing fee under 37 CFR 1.17(q)																																																																																																																																	
126	180	126 180 Submission of Information Disclosure Stmt																																																																																																																																	
581	40	581 40 Recording each patent assignment per property (times number of properties)	40.00																																																																																																																																
146	710	246 355 Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																	
149	710	249 355 For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																	
179	710	279 355 Request for Continued Examination (RCE)																																																																																																																																	
169	900	169 900 Request for expedited examination of a design application																																																																																																																																	
Other fee (specify) _____																																																																																																																																			
SUBTOTAL (1) (\$ 710)		SUBTOTAL (3) (\$ 40.00)																																																																																																																																	
*or number previously paid, if greater; For Reissues, see above																																																																																																																																			

\*or number previously paid, if greater; For Reissues, see above

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

Complete (if applicable)

SUBMITTED BY				
Name (Print/Type)	Andrew Romero	Registration No. (Attorney/Agent)	43,890	Telephone (216) 621-1113
Signature	<i>Andrew Romero</i>			
		Date	6/12/01	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

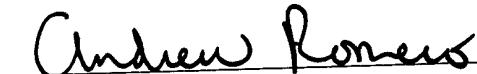
**REQUEST AND CERTIFICATION  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Dong-Hyuk Ju et al.
Title	LEAKY THERMALLY CONDUCTIVE INSULATOR.....
Atty Docket Number	F0522

I hereby certify that the invention disclosed in the attached application **has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.** I hereby request that the attached application not be published under 35 U.S.C. 122(b).

06/12/01

Date



Signature

Andrew Romero, Reg. No. 43,890

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing.**

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

**Burden Hour Statement:** This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.